

Optical path sealing material for optical modules

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This is a highly reliable material for optical devices. Its compatibility with UV curing and low temperature curing enables use in a wide variety of manufacturing process. It has a strong track record as a ...

MEISU hermetic sealing fiber arrays are realized by coating the fiber cladding before inserting them into a metal (KOVAR) tube. Such fiber arrays are commonly used in optical devices and modules that ...

EPO-TEK® OG142-87 is a UV curable epoxy for adhesive sealing/encapsulating fiber optic & optoelectronic packaging applications, with high bonding strength.

AIT engineered and designed several innovative lid-sealing solutions for optical, thermal, EMI and commercial component and module packaging with outstanding ...

Hermetic sealing is one of the most effective methods of providing this protection. The material properties of ceramic packages and sealing methods that enable hermetic sealing are outlined below.

The optical cover can be bonded by epoxy or metallic seal. A moisture prevention coating can be placed over the seal line between the optical cover and the housing to further enhance moisture...

Henkel protection materials for optical modules and components include a broad portfolio of underfills, encapsulants, and low pressure molding materials that guard against stress and vibration, as well as ...

Our low melting point glass (LMPG), forms a "glass to metal" seal, is the de-facto choice for the highest performance hermetic fiber optic feedthroughs, hermetic fiber penetrators, and hermetic fiber ...

The 14-pin Butterfly Package is a compact industry standard housing for optoelectronic modules, with options for hermetic sealing. It provides a fiber feed-through, electrical fan-out, and built-in thermal ...

WHITEPAPER Hermetic Fiber & Ensure Epoxy Seals Protect Optical Signal Quality EPOXY TECHNOLOGY CREATES A RELIABLE HERMETIC SEAL FOR FIBER OPTIC INSTALLATIONS ...

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